

Monthly Report

March 2005 Vol. 10, No. 3
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MICROBIOLOGY REPORT: The March 2005 issue of Microbiology Monthly Report, Volume 10, presents the laboratory diagnosis of some of the infectious diseases, the reference microbiology work done in this laboratory during February 2005 and new cases of syphilis in Milwaukee during January 2005. Information on the laboratory diagnosed mycobacterial infections in Wisconsin during January is also included.

Legionnaires Disease (February 2005)

No positive case detected.

Pertussis (Whooping cough (February 2005)

Specimens from the city health centers were tested using culture and real-time PCR assays. No positive case was detected.

Syphilis (February 2005)

Test	Number Positive	Test	Number Positive
RPR	0	FTA-ABS	12
VDRL	33	DARKFIELD	0

New Cases (Syphilis)

The Wisconsin Division of Health has reported no new case of syphilis (early stages) during January 2005 in Milwaukee. Morbidity distributions of the disease reported in the corresponding month of the previous year are as follows:

New Cases of Syphilis (January 2005 and January 2004)

Stage	Number of Cases	
	January 2005	January 2004
Primary syphilis	0	1
Secondary syphilis	0	1
Early latent syphilis	0	4
Late latent syphilis	0	5
Total	0	11

Gonorrhea (MHD – February 2005)

Number Tested	Decreased Susceptibility (DS)/Resistance (R) to Antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
47	1(R)	1(DS)	0	0

Gonorrhea from Other Sources (February 2005)

Number Tested	Decreased Susceptibility (DS)/Resistance (R) to Antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
3	0	0	0	0

Isolates Other Than *N. gonorrhoeae* (February 2005)

Organism	Site	Number Isolates	Organism	Site	Number Isolates
<i>Ureaplasma urealyticum</i>	Genital	39	<i>Mycoplasma hominis</i>	Genital	8

Parasitic Enteric Pathogens (February 2005)

Age	Sex	Pathogen	Number Cases
21	F	<i>Giardia lamblia</i>	1
11*	M*	<i>Entamoeba coli</i>	1
		<i>Giardia lamblia</i>	
33	M	<i>Giardia lamblia</i>	1
19	F	<i>Giardia lamblia</i>	1
18mo	M	<i>Giardia lamblia</i>	1

* dual infection

Mycobacterial Infections (February 2005)

Mycobacteriology laboratory is being renovated and not operational at this time.

Reference Cultures (February 2005)

Age	Sex	Site/Specimen Source	Culture Identification
5	F	Urine	<i>Neisseria cinerea</i>
3	M	Stool	<i>Shewanella putrefaciens</i>
20	F	Urine	<i>Escherichia coli</i>

Bacterial Enteric Pathogens (February 2005)

Age	Sex	Pathogen	Age	Sex	Pathogen
7	F	<i>Shigella flexneri</i> B3	36	M	<i>Salmonella</i> subsp. IIIb; K: 1, 5
29	M	<i>Shigella flexneri</i> B2	92	F	<i>Salmonella typhimurium</i>
17	F	<i>Shigella flexneri</i> B3	28mo	M	<i>Salmonella java</i>
24mo	M	<i>Shigella sonnei</i>	12mo	F	<i>Salmonella urbana</i>
23mo	F	<i>Shigella flexneri</i> B4	77	F	<i>Salmonella saintpaul</i>
60	F	<i>Shigella flexneri</i> B2	12mo	M	<i>Salmonella</i> subsp. I
			65	M	<i>Salmonella enteritidis</i>
			65	F	<i>Salmonella lohbruegge</i>